WHAT IS CLAIMED IS:

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- 1 1. A method of managing a shared resource, said method
 2 comprising:
- determining whether a process identifier included in a
 queue corresponds to a read requestor or a write
 requestor;
- allowing the write requestor to write to the shared resource in response to the process identifier corresponding to the write requestor; and
 - allowing one or more successive read requestors to read from the shared resource in response to the process identifier corresponding to one of the read requestors.
 - The method as described in claim 1 further comprising: setting a resource lock in an available mode;
 - setting the resource lock in a read mode in response to the first of the one or more read requestors accessing the available resource lock; and
- granting each of the read requestors read access to the resource lock.
- 1 3. The method as described in claim 1 further comprising:
- 2 setting a write wanted flag in response to a write
- 3 requestor requesting a resource lock after the
- 4 resource lock has been set in read mode;
- 5 requesting lock access by one or more read requestors,
- 6 the requesting occurring after the write wanted
- flag is set;

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8	granting lock access to a first group of the read
9	requestors in response to the first group being
10	included in the one or more successive read
11	requestors; and
12	denying lock access to a second group of the read
13	requestors in response to the second group not

- d requestors in response to the second group not being included in the one or more successive read requestors.
- 1 4. The method as described in claim 3 further comprising: 2 setting a woken up flag for each read requestor 3 included in the first group.
- **1** 5. The method as described in claim 1 further comprising: **1** 2 releasing a resource lock; and granting a requesting process ownership of the resource lock, wherein the requesting process is 5 the first process to request the resource lock after the releasing.
 - 6. The method as described in claim 5 wherein requesting process does not correspond with any of the process identifiers included in the queue.
 - 1 7. method as described in claim 5 wherein requesting process corresponds with one of the process 2 3 identifiers included in the queue.
 - The method as described in claim 5 further comprising: 1 8. speeding up processing for one or more read requestors 2 3 that acquire the resource lock.

- 1 9. method as described in claim 8 wherein 2 speeding up includes granting one or more read
- 3 requestors a temporary time slice exemption.
- 1 The method as described in claim 1 further comprising: 10.
- 2 identifying an upgrader in the queue; and
- 3 granting the upgrader a write lock to the shared
- 4 resource.
- 1 11. The method as described claim in 10 further 2 comprising:
- 3 boosting a priority of the upgrader prior upgrader writing to the shared resource.
 - 12. An information handling system comprising:
- 2 one or more processors;
- 3 a memory accessible by the processors;
- 4 one or more shared resources;
- 5 nonvolatile storage device accessible by the processors; and
 - a shared resource manager, the shared resource manager including:
- 9 means determining whether a process 10 identifier included in a queue corresponds
- 11 to a read requestor or a write requestor;
- 12 means for allowing the write requestor to write
- 13 to the shared resource in response to the
- 14 process identifier corresponding the
- 15 write requestor; and
- 16 means for allowing one or more successive read
- 17 requestors to read from the shared resource

- 18 in response to the process identifier 19 corresponding to one of the read requestors. 1 The information handling system as described in claim 2 12 further comprising: 3 means for setting a resource lock in an available 4 mode: 5 means for setting the resource lock in a read mode in 6 response to the first of the one or more read 7 requestors accessing the available resource lock; 8 and 9 means for granting each of the read requestors read 10 access to the resource lock. Ę The information handling system as described in claim 1 14. 2 2 3 4 12 further comprising: means for setting a write wanted flag in response to a write requestor requesting a resource lock after 15 5 the resource lock has been set in read mode; 6 7 1 8 means for requesting lock access by one or more read requestors, the requesting occurring after the write wanted flag is set; means for granting lock access to a first group of the 9 read requestors in response to the first group 10 11 being included in the one or more successive read 12 requestors; and means for denying lock access to a second group of the 13 read requestors in response to the second group 14 15 not being included in the one or more successive 16 read requestors.
 - 1 15. The information handling system as described in claim
 2 12 further comprising:

- 3 means for releasing a resource lock; and
- 4 means granting a requesting process ownership of the
- resource lock, wherein the requesting process is 5
- the first process to request the resource lock 6
- 7 after the releasing.
- The information handling system as described in claim 1
- 15 wherein the requesting process does not correspond 2
- 3 with any of the process identifiers included in the
- 4 queue.
- 1 The information handling system as described in claim 17.
- 15 wherein the requesting process corresponds with one 2
- A Transport 3 of the process identifiers included in the queue.
- 1 1 2 2 3 The information handling system as described in claim 18. 12 further comprising:
- means for speeding up processing for one or more of ... 4 the read requestors that acquire a resource lock.
- 1 2 The information handling system as described in claim 19. 18 wherein the means for speeding up includes means 3 for granting one or more read requestors a temporary
 - 4 time slice exemption.
 - The information handling system as described in claim 1 20.
 - 2 12 further comprising:
 - means for identifying an upgrader in the queue; and 3
 - means for granting the upgrader a write lock to the 4
 - 5 shared resource.
 - The information handling system as described in claim 1
 - 2 20 further comprising:

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- means for boosting a priority of the upgrader prior to 3 4 the upgrader writing to the shared resource.
- 1 22. A computer program product for managing a shared resource, said computer program product comprising: 2
- means for determining whether a process identifier 3 4 included in a queue corresponds to 5 requestor or a write requestor;
 - means for allowing the write requestor to write to the shared resource in response to the identifier corresponding to the write requestor; and
 - for means allowing one or more successive requestors to read from the shared resource in response to the process identifier corresponding to one of the read requestors.
 - The computer program product as described in claim 22 23. further comprising:
 - means for setting a resource lock in an available mode:
- 3 4 5 means for setting the resource lock in a read mode in 6 response to the first of the one or more read 7 requestors accessing the available resource lock; 8 and
- means for granting each of the read requestors read 9 10 access to the resource lock.
- The computer program product as described in claim 22 1 2 further comprising:
- means for setting a write wanted flag in response to a 3 4 write requestor requesting a resource lock after 5 the resource lock has been set in read mode;

3 4 5

- 6 means for requesting lock access by one or more read 7 requestors, the requesting occurring after the 8 write wanted flag is set;
- 9 means for granting lock access to a first group of the 10 read requestors in response to the first group 11 being included in the one or more successive read 12 requestors; and
- means for denying lock access to a second group of the 13 14 read requestors in response to the second group 15 not being included in the one or more successive 16 read requestors.
- 1 The computer program product as described in claim 24 25. 2 3 4 1 further comprising:
 - means for setting a woken up flag for each read requestor included in the first group.
 - 26. The computer program product as described in claim 22 further comprising:
 - means for releasing a resource lock; and
 - means for granting a requesting process ownership of the resource lock, wherein the requesting process is the first process to request the resource lock after the releasing.
 - The computer program product as described in claim 26 1 wherein the requesting process does not correspond 2 with any of the process identifiers included in the 3 4 queue.
 - The computer program product as described in claim 26 1 28. wherein the requesting process corresponds with one of 2 the process identifiers included in the queue. 3

- 1 29. The computer program product as described in claim 26
 2 further comprising:
- means for speeding up processing for one or more read requestors that acquire the resource lock.
- 1 30. The computer program product as described in claim 29
 2 wherein the means for speeding up includes means for
 3 granting one or more read requestors a temporary time
 4 slice exemption.
- 1 31. The computer program product as described in claim 22 further comprising:
- means for identifying an upgrader in the queue; and
 means for granting the upgrader a write lock to the
 shared resource.
 - 32. The computer program product as described in claim 31 further comprising:
 - means for boosting a priority of the upgrader prior to the upgrader writing to the shared resource.